

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
 Data File : BG064693.D
 Acq On : 5 Nov 2025 20:07
 Operator : RC/JU
 Sample : Q3537-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-17-SOIL

Quant Time: Nov 06 00:09:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	12832	20.000	ng	-0.02
21) Naphthalene-d8	11.032	136	57849	20.000	ng	#-0.02
39) Acenaphthene-d10	14.827	164	61912	20.000	ng	-0.02
64) Phenanthrene-d10	17.565	188	239429	20.000	ng	-0.02
76) Chrysene-d12	21.831	240	316521	20.000	ng	#-0.03
86) Perylene-d12	25.168	264	317412	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.732	112	54981	71.918	ng	-0.02
7) Phenol-d6	7.342	99	78193	74.537	ng	-0.01
23) Nitrobenzene-d5	9.363	82	42744	44.380	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	98039	109.715	ng	-0.02
45) 2-Fluorobiphenyl	13.458	172	147179	36.033	ng	-0.02
79) Terphenyl-d14	20.151	244	803027	47.878	ng	-0.02

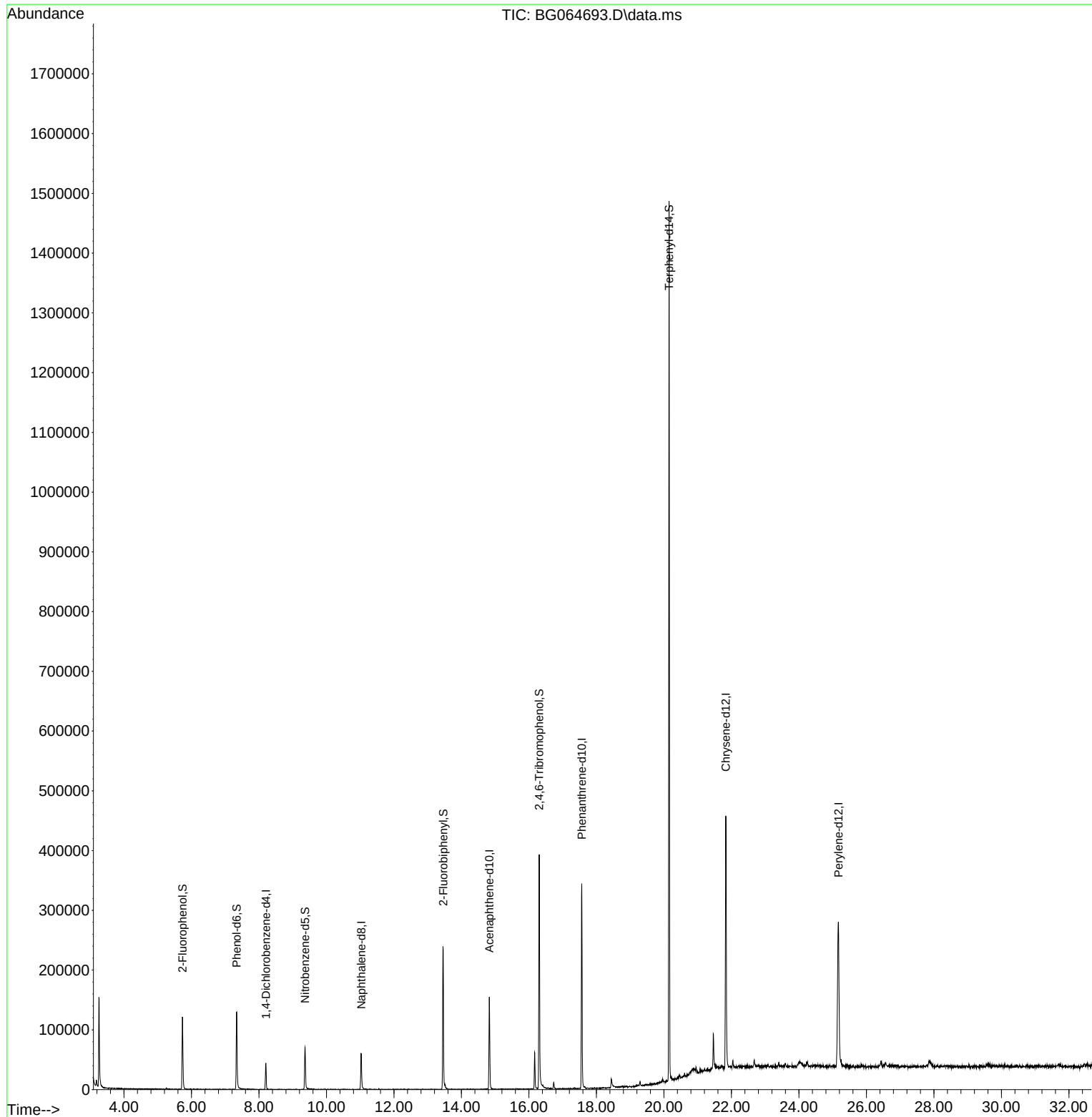
Target Compounds	Qvalue

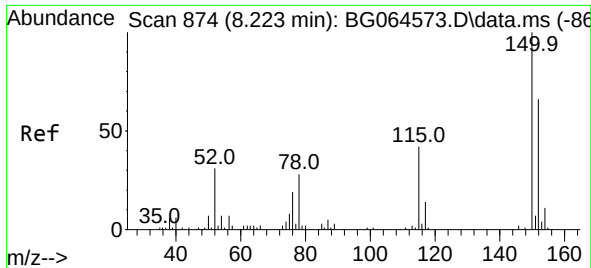
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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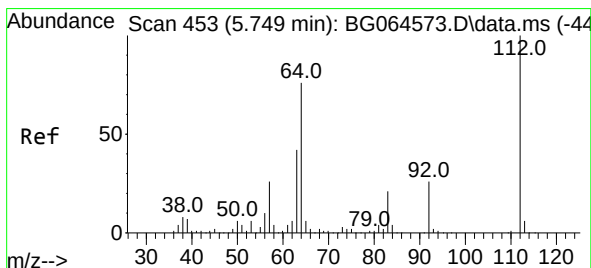
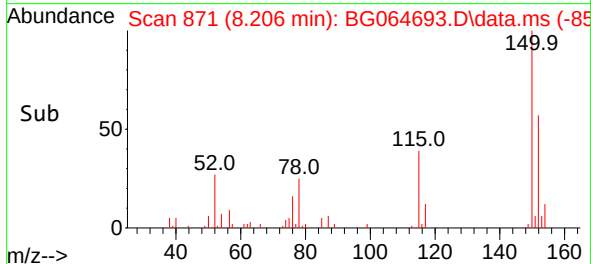
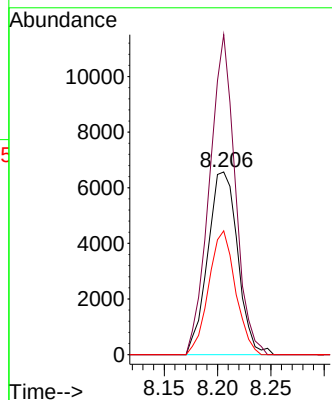
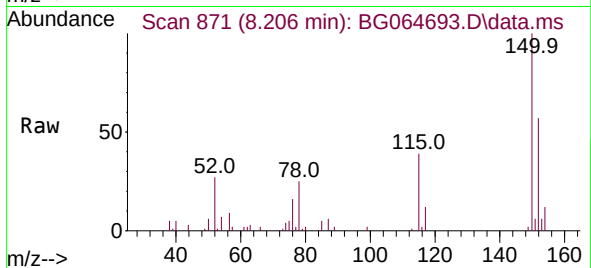




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 81
Delta R.T. -0.017 min
Lab File: BG064693.D
Acq: 5 Nov 2025 20:07

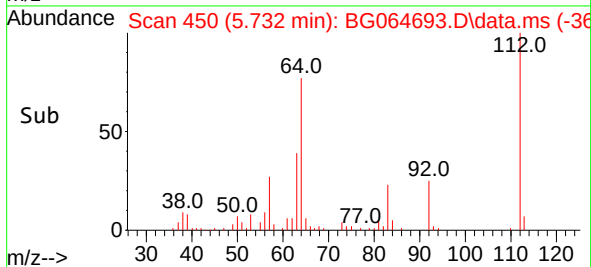
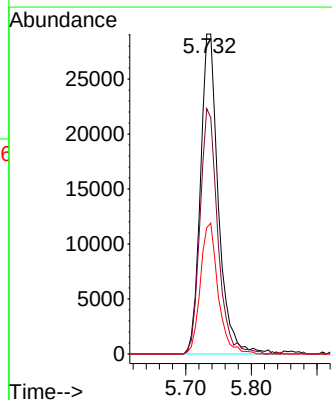
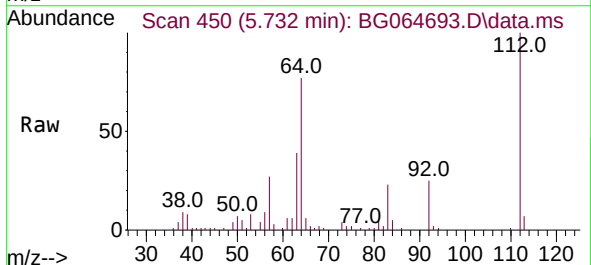
Instrument :
BNA_G
ClientSampleId :
MW-17-SOIL

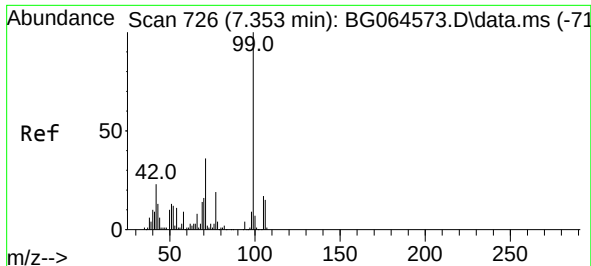
Tgt Ion:152 Resp: 12832
Ion Ratio Lower Upper
152 100
150 175.2 122.2 183.4
115 67.7 50.8 76.2



#5
2-Fluorophenol
Concen: 71.918 ng
RT: 5.732 min Scan# 450
Delta R.T. -0.017 min
Lab File: BG064693.D
Acq: 5 Nov 2025 20:07

Tgt Ion:112 Resp: 54981
Ion Ratio Lower Upper
112 100
64 76.6 60.7 91.1
63 39.5 33.4 50.0





#7
Phenol-d6
Concen: 74.537 ng
RT: 7.342 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG064693.D
Acq: 5 Nov 2025 20:07

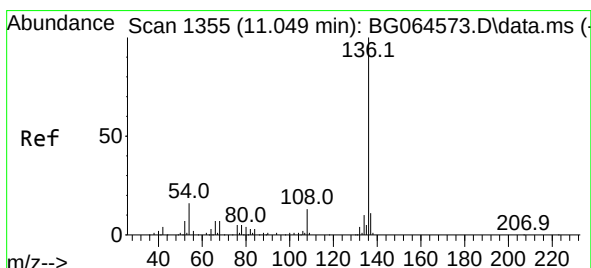
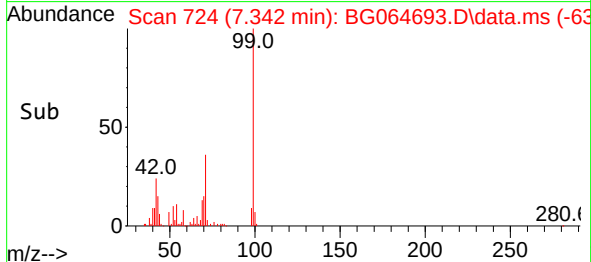
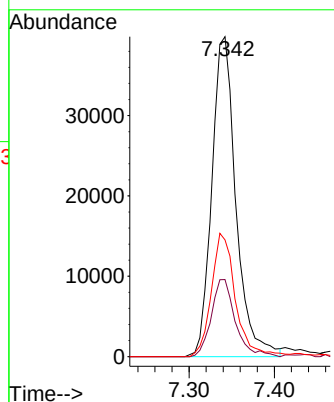
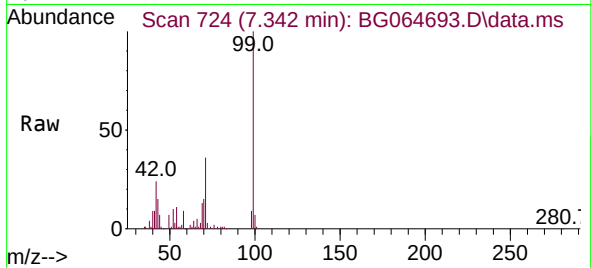
Instrument :

BNA_G

ClientSampleId :

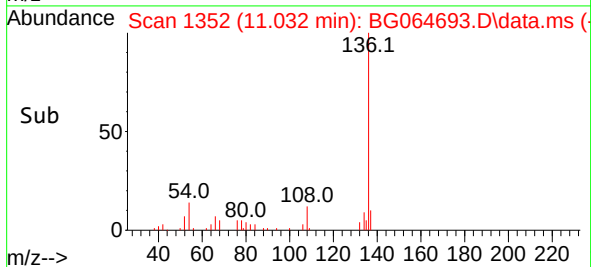
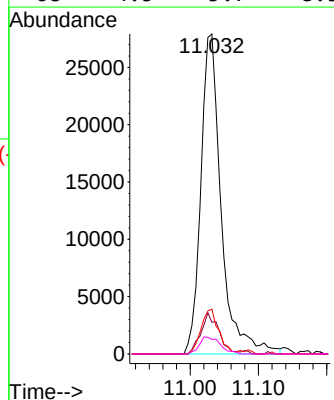
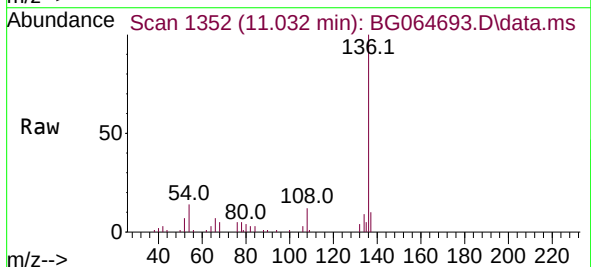
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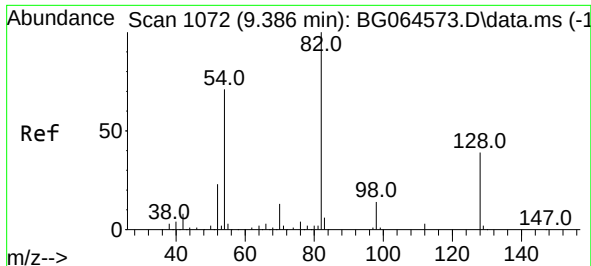
Tgt Ion: 99 Resp: 78193
Ion Ratio Lower Upper
99 100
42 24.1 18.3 27.5
71 36.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1352
Delta R.T. -0.017 min
Lab File: BG064693.D
Acq: 5 Nov 2025 20:07

Tgt Ion: 136 Resp: 57849
Ion Ratio Lower Upper
136 100
137 9.9 9.2 13.8
54 14.0 12.6 19.0
68 4.5 5.7 8.5

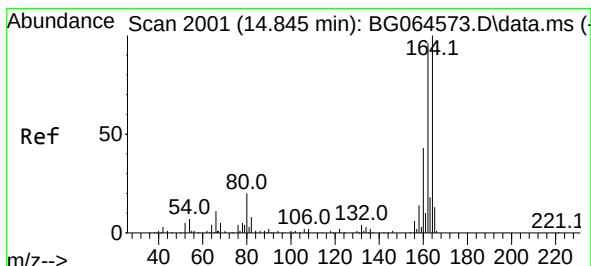
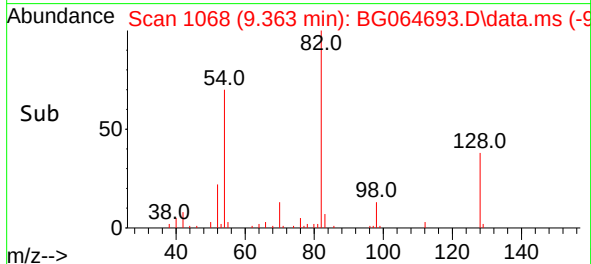
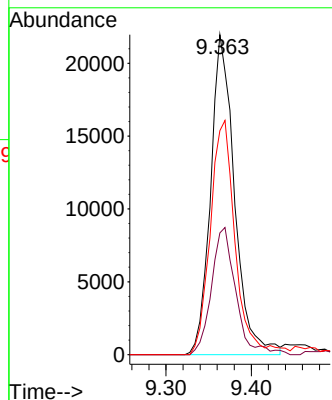
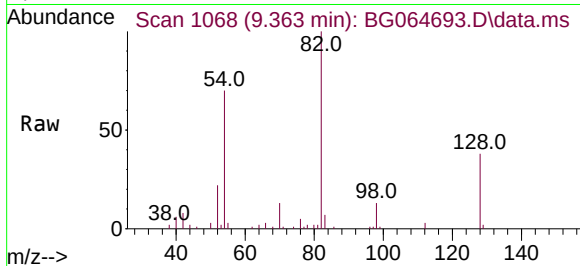




#23
Nitrobenzene-d5
Concen: 44.380 ng
RT: 9.363 min Scan# 1072
Delta R.T. -0.023 min
Lab File: BG064693.D
Acq: 5 Nov 2025 20:07

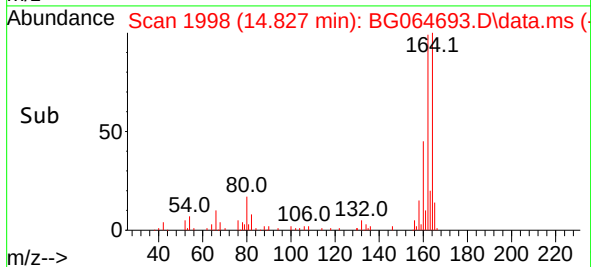
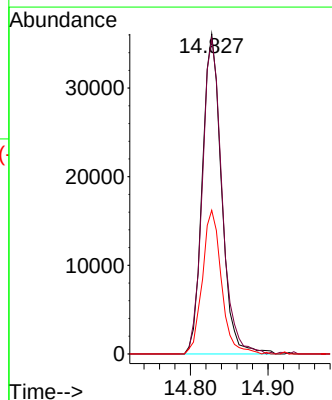
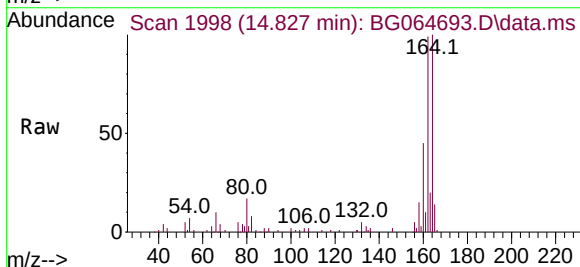
Instrument :
BNA_G
ClientSampleId :
MW-17-SOIL

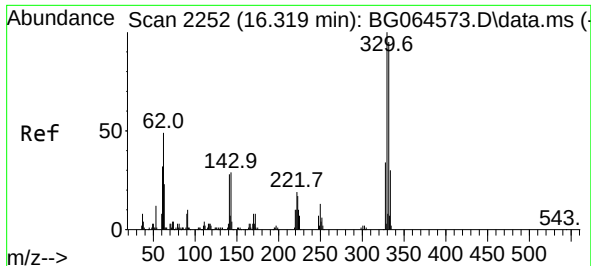
Tgt Ion: 82 Resp: 42744
Ion Ratio Lower Upper
82 100
128 38.0 31.3 46.9
54 70.0 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.827 min Scan# 1998
Delta R.T. -0.017 min
Lab File: BG064693.D
Acq: 5 Nov 2025 20:07

Tgt Ion: 164 Resp: 61912
Ion Ratio Lower Upper
164 100
162 98.6 77.0 115.6
160 44.9 34.4 51.6

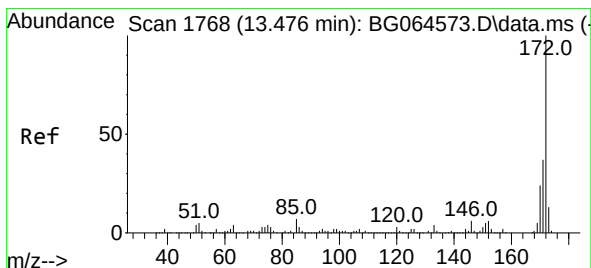
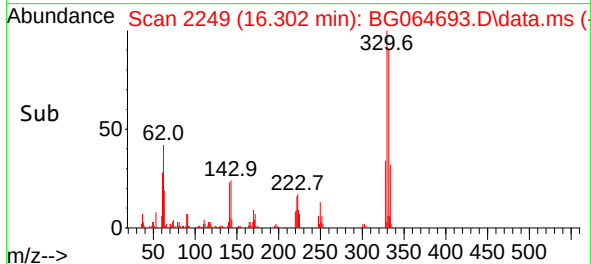
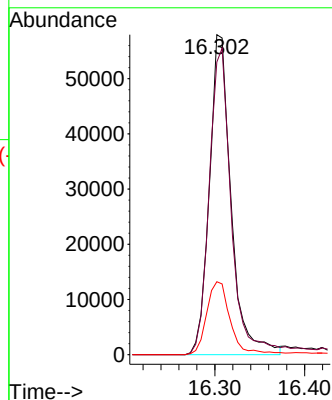
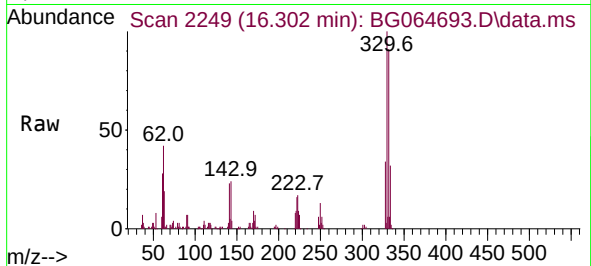




#42
2,4,6-Tribromophenol
Concen: 109.715 ng
RT: 16.302 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064693.D
Acq: 5 Nov 2025 20:07

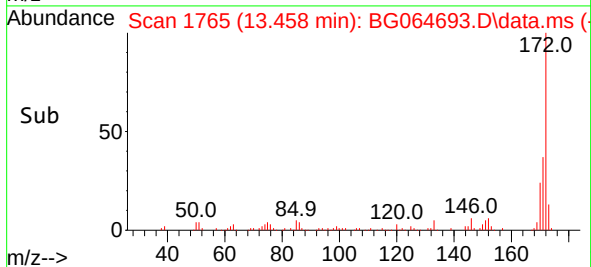
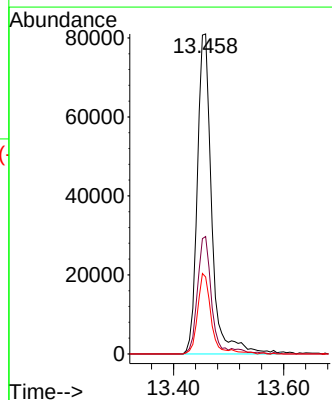
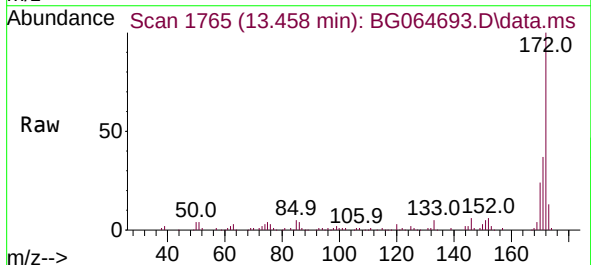
Instrument :
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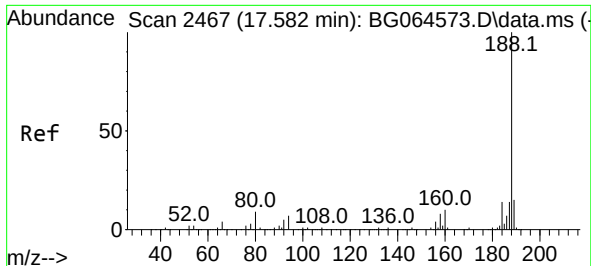
Tgt Ion:330 Resp: 98039
Ion Ratio Lower Upper
330 100
332 99.2 78.0 117.0
141 24.7 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 36.033 ng
RT: 13.458 min Scan# 1765
Delta R.T. -0.017 min
Lab File: BG064693.D
Acq: 5 Nov 2025 20:07

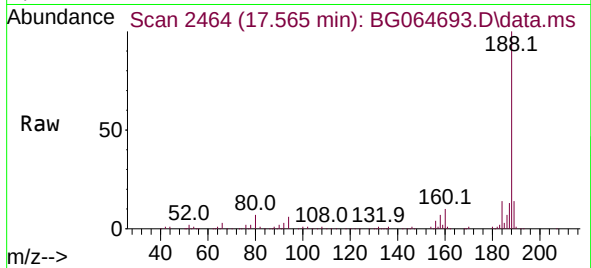
Tgt Ion:172 Resp: 147179
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.0 19.1 28.7



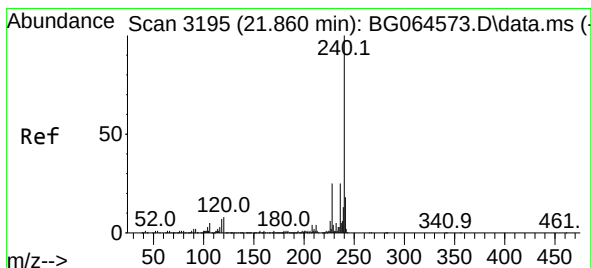
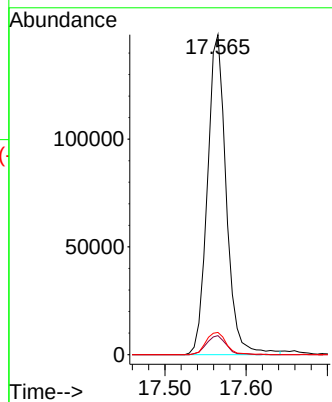
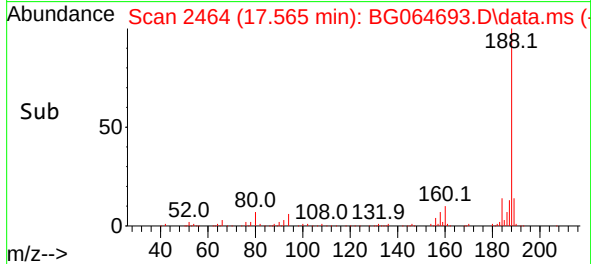


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.565 min Scan# 2464
Delta R.T. -0.017 min
Lab File: BG064693.D
Acq: 5 Nov 2025 20:07

Instrument :
BNA_G
ClientSampleId :
MW-17-SOIL

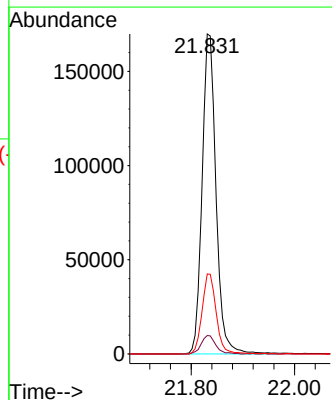
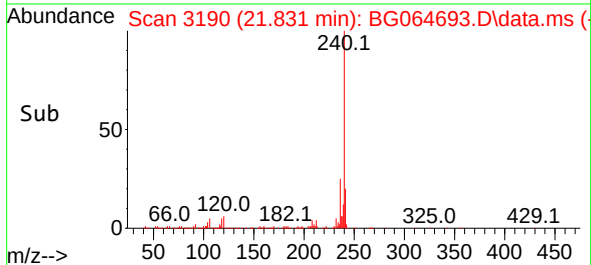
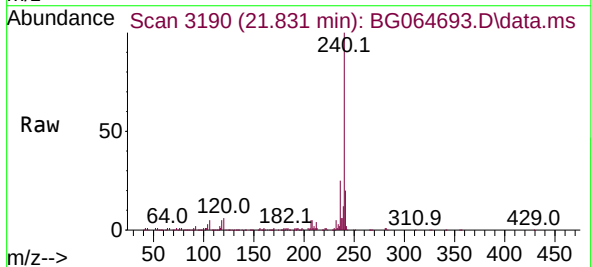


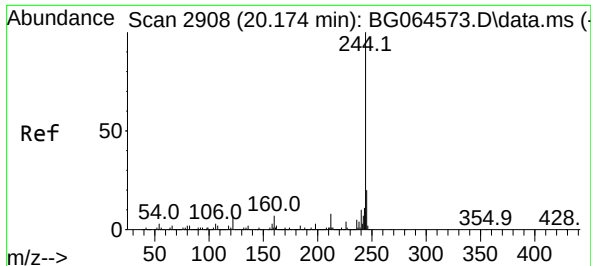
Tgt Ion:188 Resp: 239429
Ion Ratio Lower Upper
188 100
94 5.9 5.7 8.5
80 6.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3190
Delta R.T. -0.029 min
Lab File: BG064693.D
Acq: 5 Nov 2025 20:07

Tgt Ion:240 Resp: 316521
Ion Ratio Lower Upper
240 100
120 5.7 6.5 9.7#
236 25.0 20.2 30.2

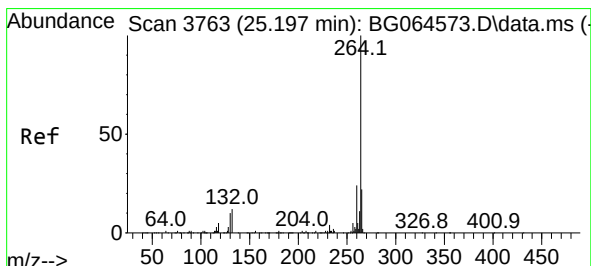
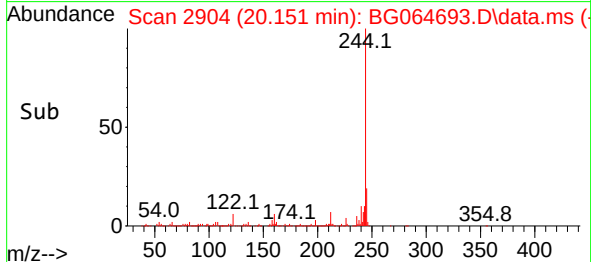
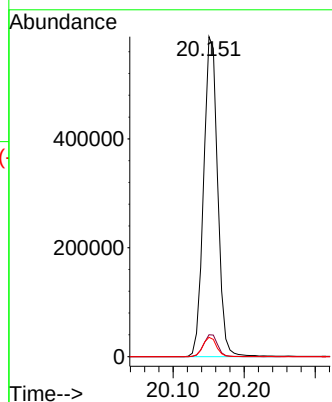
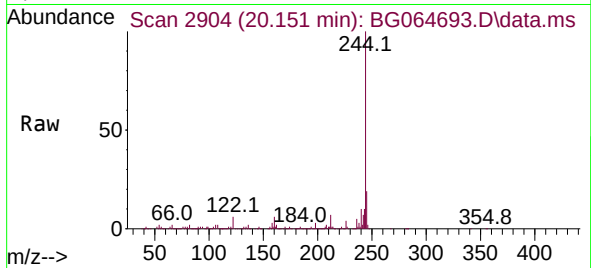




#79
 Terphenyl-d14
 Concen: 47.878 ng
 RT: 20.151 min Scan# 2904
 Delta R.T. -0.023 min
 Lab File: BG064693.D
 Acq: 5 Nov 2025 20:07

Instrument :
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Tgt Ion:244 Resp: 803027
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 6.0 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.168 min Scan# 3758
 Delta R.T. -0.029 min
 Lab File: BG064693.D
 Acq: 5 Nov 2025 20:07

Tgt Ion:264 Resp: 317412
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 22.2 17.6 26.4

